

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	7	((4chang\$4 or replac\$4) with ear piece with insert\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 10:18
L9	7	(\$4chang\$4 with tip with ear with insert \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 10:20
L10	90	((4chang\$4 or dispos\$4 or replac \$4) with tip with ear with insert\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 10:22
L11	0	(606/2-19.ccls. or 607/88-94.ccls.) and (connect\$3 with laser with (fiber or guide) with (conical or taper\$3 or funnel) with metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 12:45
L12	0	(606/2-19.ccls. or 607/88-94.ccls.) and (connect\$3 with laser with (fiber or guide) with (cone or conical or taper\$3 or funnel) with metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 12:46

L13	1	(606/2-19.ccls. or 607/88-94.ccls.) and (connect\$3 with (laser or source) with (fiber or guide) with (cone or conical or taper\$3 or funnel) with metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 12:46
L14	1	(606/2-19.ccls. or 607/88-94.ccls.) and ((connect\$3 with (laser or source) with (fiber or guide) with (cone or conical or taper\$3 or funnel)) same metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 12:47
L15	12	(connect\$3 with (laser or source) with (fiber or guide) with (cone or conical or taper \$3 or funnel) with metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 12:48
L16	0	(606/2-19.ccls. or 607/88-94.ccls.) and (metal with (cone or conical or funnel or tapper\$3) with focus\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 12:50
L17	44	(606/2-19.ccls. or 607/88-94.ccls.) and (metal with focus\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 12:50
L18	4	(606/2-19.ccls. or 607/88-94.ccls.) and (metal with focus\$3 with connect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 12:51
L19	25	(606/2-19.ccls. or 607/88-94.ccls.) and ((cone or conical) with metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 12:56

L20	43	(606/2-19.ccls. or 607/88-94.ccls.) and ((cone or conical or funnel\$3 or taper\$3) with metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:02
L21	28	(606/2-19.ccls. or 607/88-94.ccls.) and (((cone or conical\$2 or funnel \$3 or taper\$3) with reflect\$3) same metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:14
L22	2	(606/2-19.ccls. or 607/88-94.ccls.) and ((cone or conical\$2 or funnel \$3 or taper\$3) same reflect\$3 same metal same (source with (fiber or guide)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:20
L23	90	(606/2-19.ccls. or 607/88-94.ccls.) and (connect\$4 with (laser or source) with (fiber or guide) with (metal or reflect \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:22
L24	8	(606/2-19.ccls. or 607/88-94.ccls.) and (connect\$4 with collar with (gold or metal\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:24
L25	14	(606/2-19.ccls. or 607/88-94.ccls.) and (connect\$4 with source with fiber with (gold or metal\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:26
L26	4	(connect\$4 with source with fiber with (gold or metal \$4) with (cone or conical\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:30

L27	10	(connect\$4 with (source or laser) with (fiber or guide) with (gold or metal\$4) with (cone or conical\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:31
L28	22	(connect\$4 with (source or laser) with (fiber or guide) with (gold or metal\$4) with (cone or conical\$2 or funnel\$3 or taper \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:32
L29	0	((ear piece) same (channel with half shell))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:52
L30	5	(ear same (channel with half shell))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:52
L31	1	(ear piece and (channel with half shell))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 13:53
L32	18	(ear bud or earbud or ear-bud) and (half with shell)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/06 13:58
L33	60	(ear piece with shell)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/06 13:59
L34	141	(ear piece same shell)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/06 14:03
S1	1	((ANDREAS) near2 (MAYER-GINDNER)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 12:58
S2	3	((ANDREAS) near2 (MAYER-GINDNER)).INV.	EPO; JPO; DERWENT	ADJ	ON	2010/05/03 12:58
S3	0	((WINFRIED) near2 (GRANGET)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 12:58

S4	1	((WINFRIED) near2 (GRANGET)).INV.	EPO; JPO; DERWENT	ADJ	ON	2010/05/03 12:58
S5	0	((MARIUS-KURT) near2 (MIHAI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 12:59
S6	1	((MARIUS-KURT) near2 (MIHAI)).INV.	EPO; JPO; DERWENT	ADJ	ON	2010/05/03 12:59
S7	12	US-4865035-\$ DID. OR US-6358272-\$ DID. OR US-3995935-\$ DID. OR US-3437804-\$ DID. OR US-4944567-\$ DID. OR US-5815620-\$ DID. OR US-9402306-\$ DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/03 13:00
S8	12	(606/2-19.ccls. or 607/88-94.ccls.) and ear and (headphone or head-phone or head phone)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 13:02
S9	1	(606/2-19.ccls. or 607/88-94.ccls.) and (ear near2 bud)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 13:06
S10	20	(606/2-19.ccls. or 607/88-94.ccls.) and ((ear near2 piece) or ear-piece or earpiece)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 13:12
S11	21	((earbud or ear-bud or (ear near2 bud)) with wrap\$4 with around)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 13:20
S12	322	381/381.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 13:25
S13	0	ht internation.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 13:33
S14	11	ht international.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 13:33
S15	11	(ht international).as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 13:34
S16	775	(ear bud or earbub or ear-bud)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 13:52

S17	0	((ear bud or earbub or ear-bud) with elbow)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 13:52
S18	18	((ear piece or earpiece or ear-piece) with elbow)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 13:53
S19	109	sennheiser.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 14:06
S20	0	sennheiser.as. and (clipon or clip-on or clip on)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/03 14:12
S21	2	"3743104".pn.	EPO; JPO; DERWENT	ADJ	ON	2010/05/03 14:14
S22	2	"3743104"	EPO; JPO; DERWENT	ADJ	ON	2010/05/03 14:14
S23	8	"3743104"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/03 14:14
S24	7	(wilden near lutz).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/03 14:15
S25	17	(606/2-19.ccls. or 607/88-94.ccls.) and (connect\$3 with laser with (fiber or guide) with (conical or taper\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/03 15:07
S26	3	"1947678"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/04 11:30
S27	5	"1947678"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/04 11:30
S28	2	"19947678"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/04 11:30

S29	0	baumgartner.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/04 11:31
S30	3821	baumgartner.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/04 11:31
S31	4	baumgartner.in. and laser and ear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/04 11:32

### EAST Search History (Interference)

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5/6/2010 2:49:32 PM

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piece laser.wsp